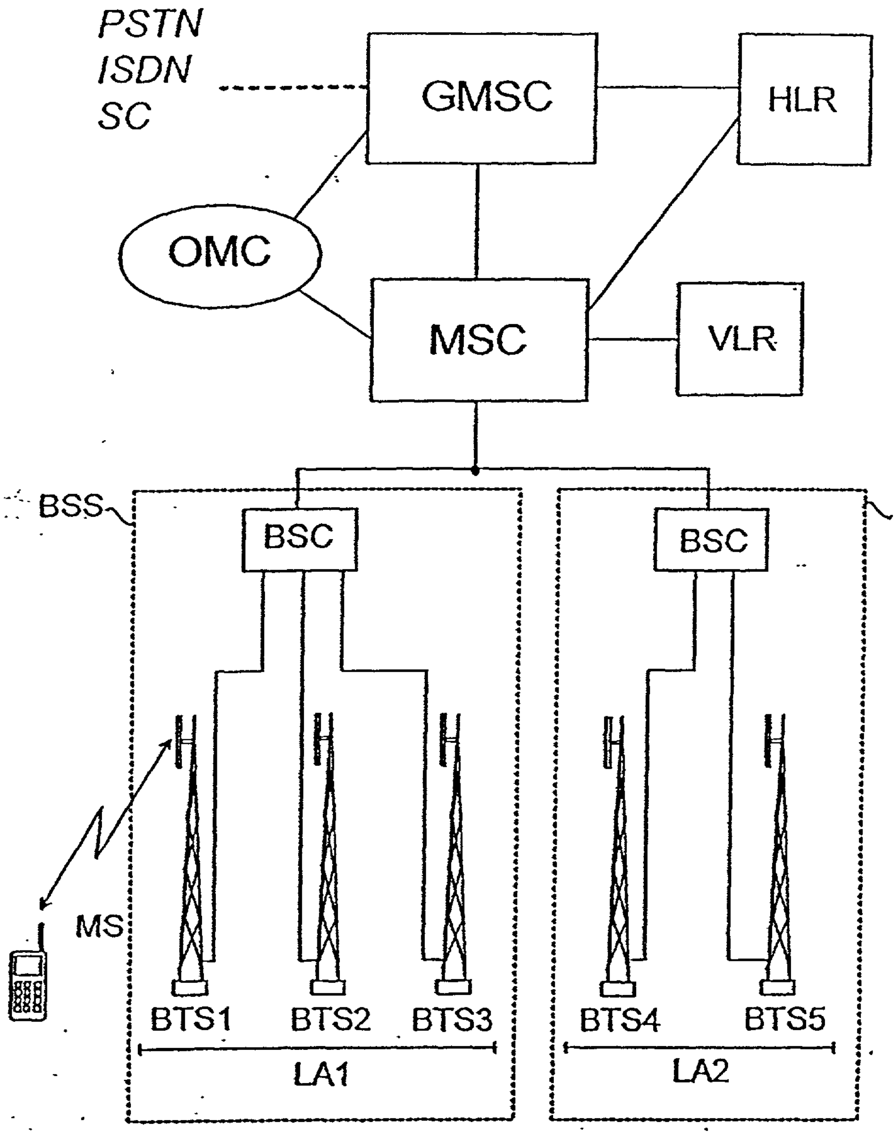

Fig. 1
prior Art

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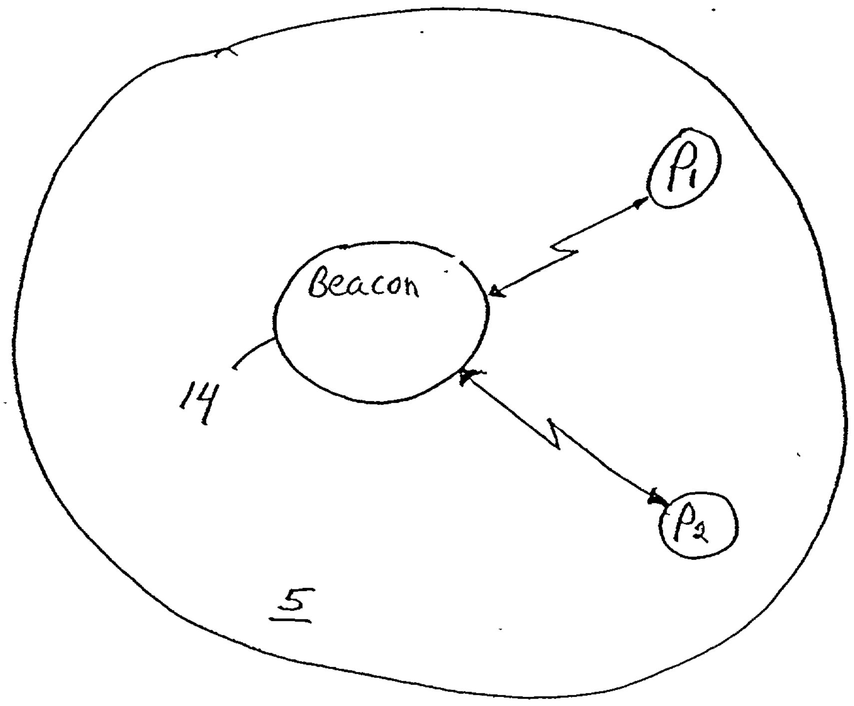


FIG. 2

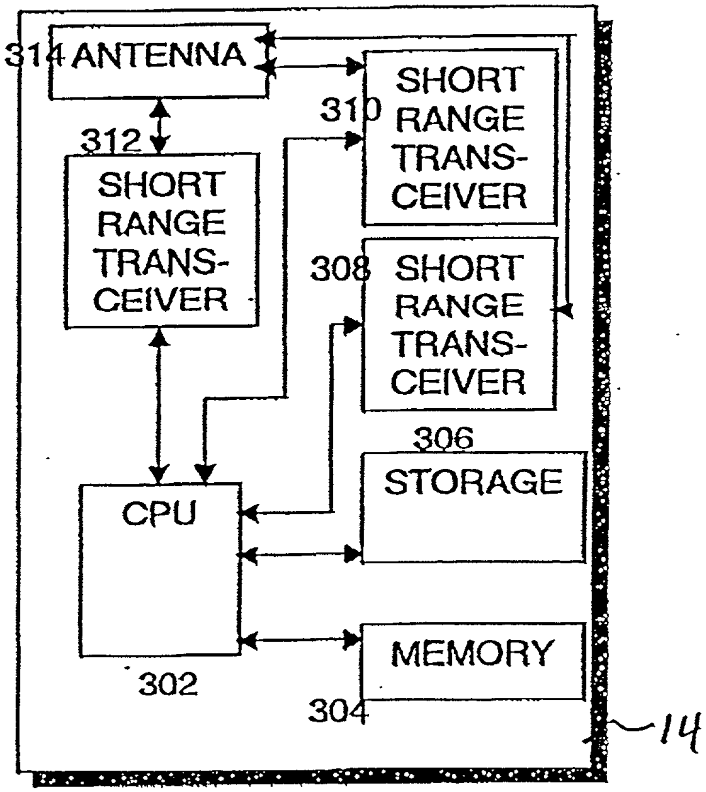
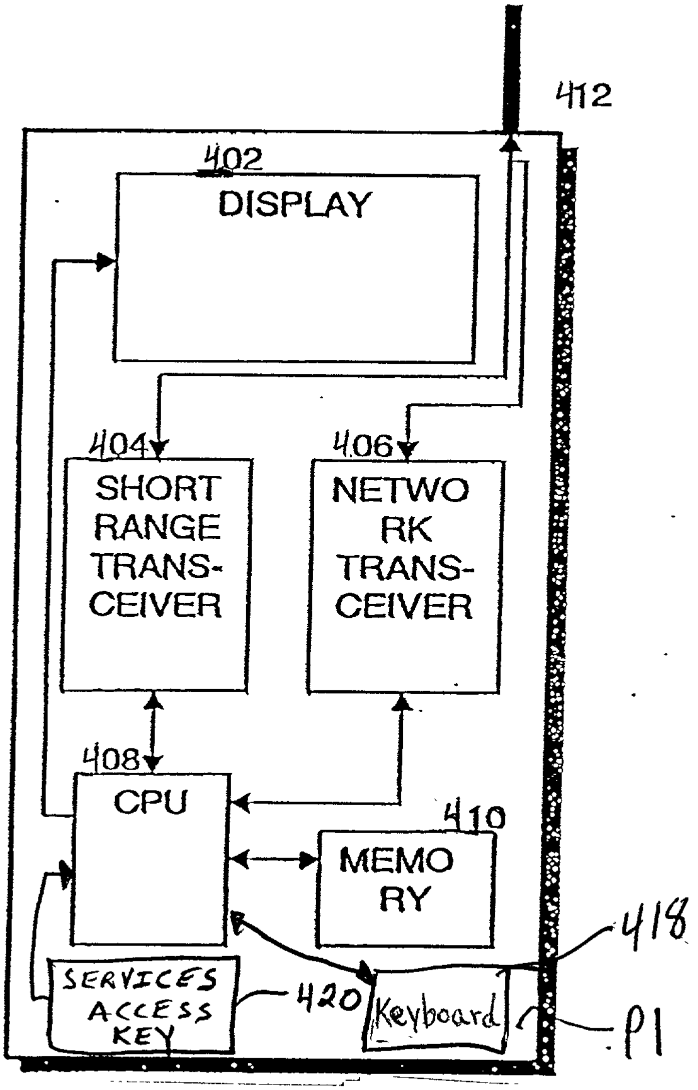


Fig.3 Beacon device



Mobile STATION

FIG. 4

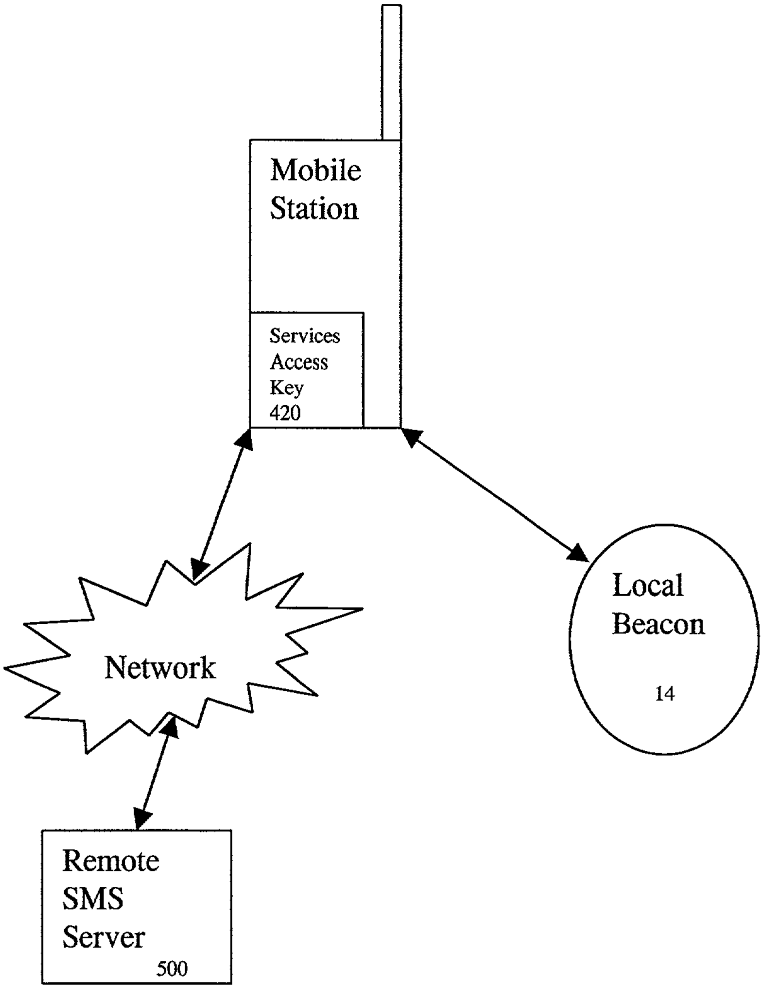
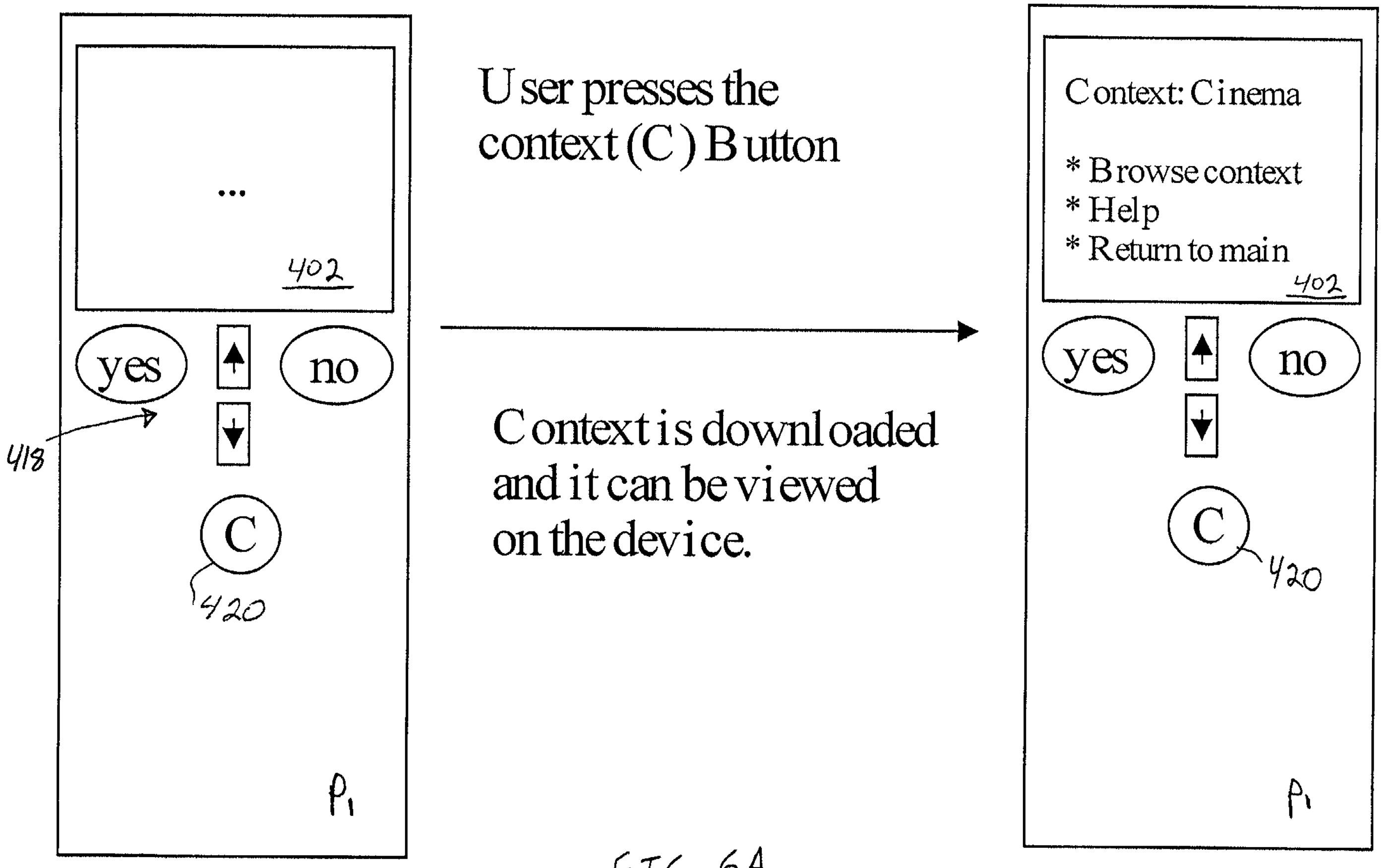

Mobile Station
Services Access Key 420
Network
Local Beacon 14
Remote SMS Server 500

FIG. 5

The User Screen

Example scenario: A movie theatre. When the user approaches the cinema, he or she enters the local cinema beacon range. The services offered by the beacon become available



User presses the context (C) Button

Context is downloaded and it can be viewed on the device.

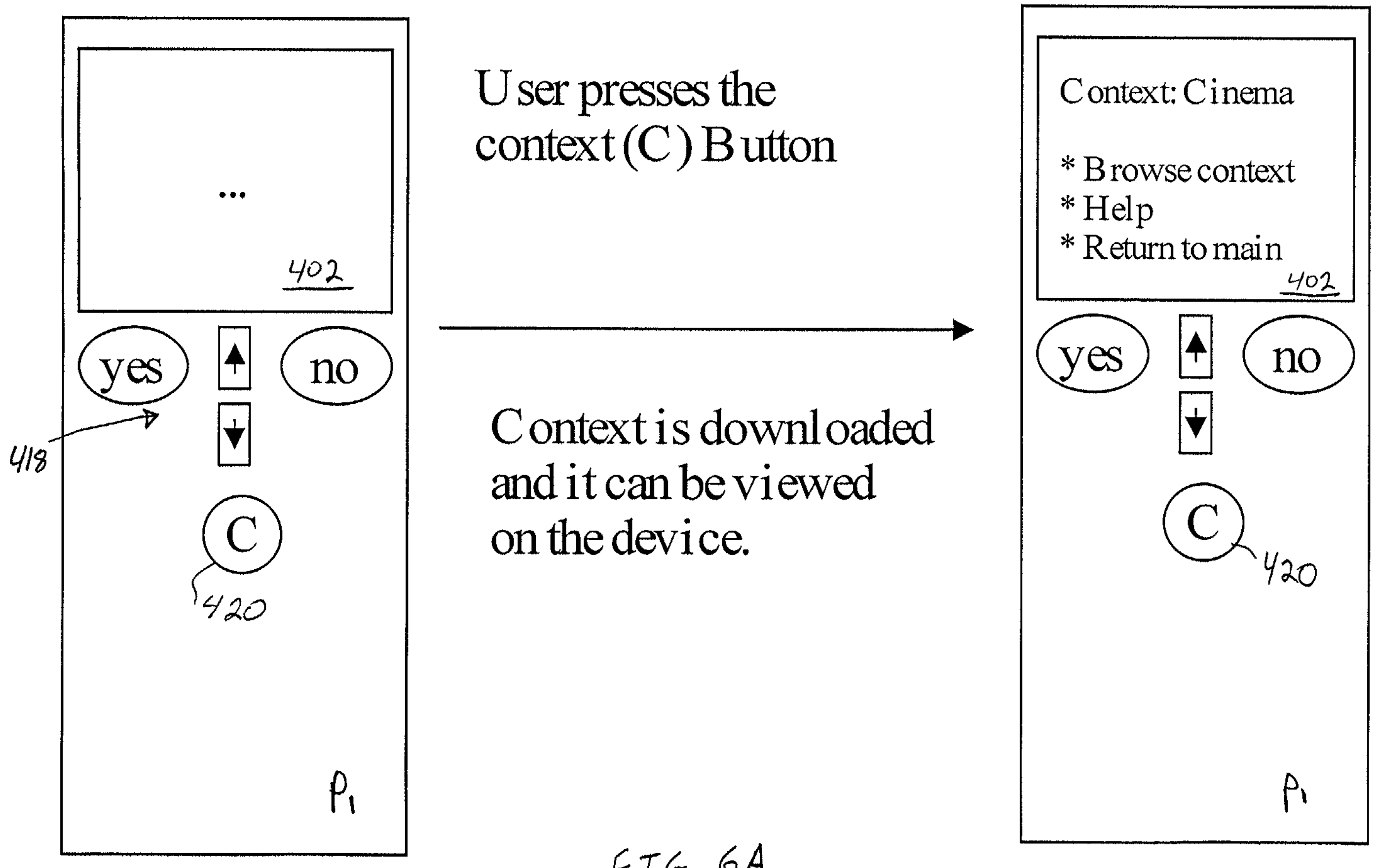
Context: Cinema

* Browse context
* Help
* Return to main

FIG. 6A

The User Screen

Example scenario: A movie theatre. When the user approaches the cinema, he or she enters the local cinema beacon range. The services offered by the beacon become available

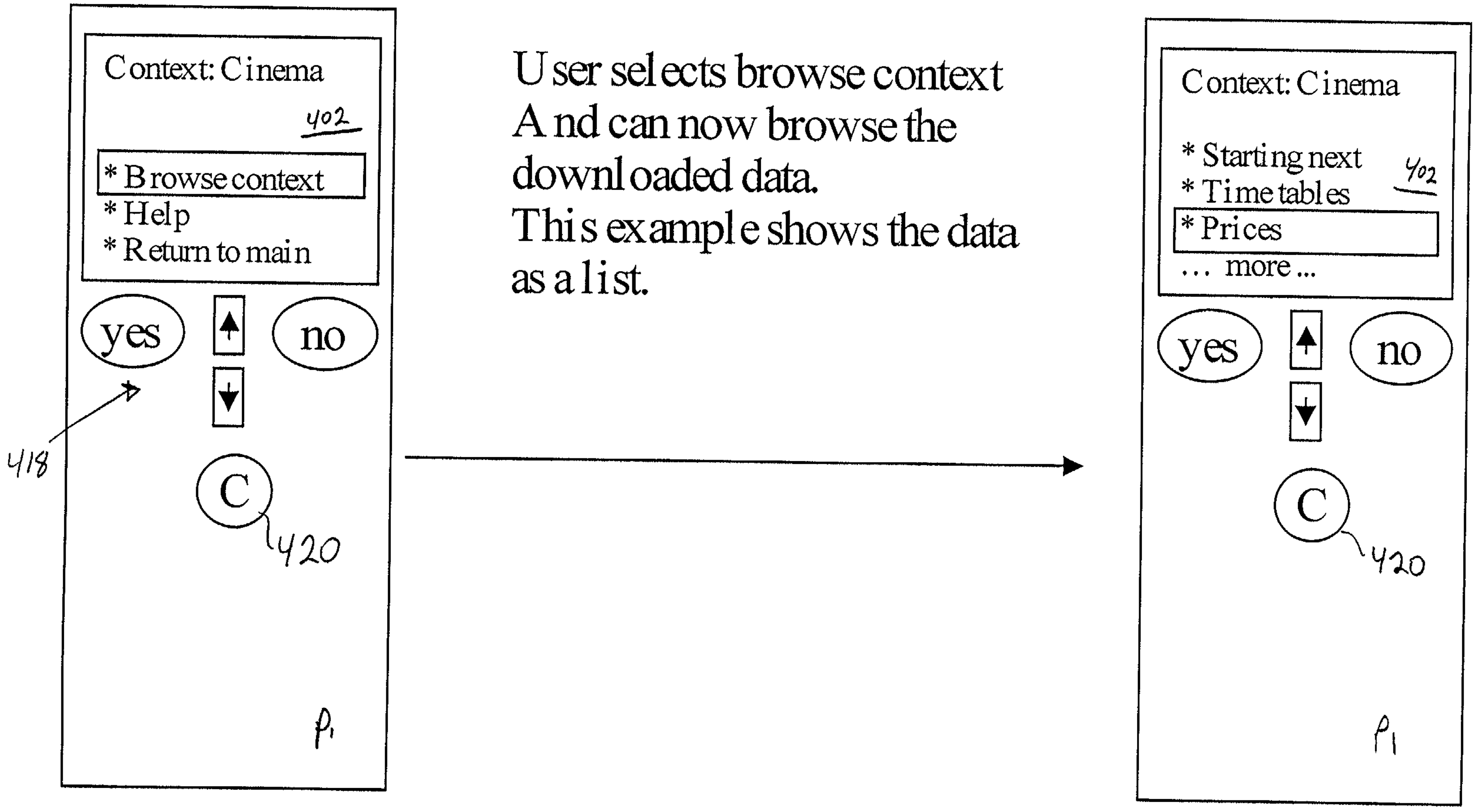


User presses the context (C) Button

Context is downloaded and it can be viewed on the device.

FIG. 6A

Browse context



User selects browse context
And can now browse the
downloaded data.
This example shows the data
as a list.

FIG. 6B

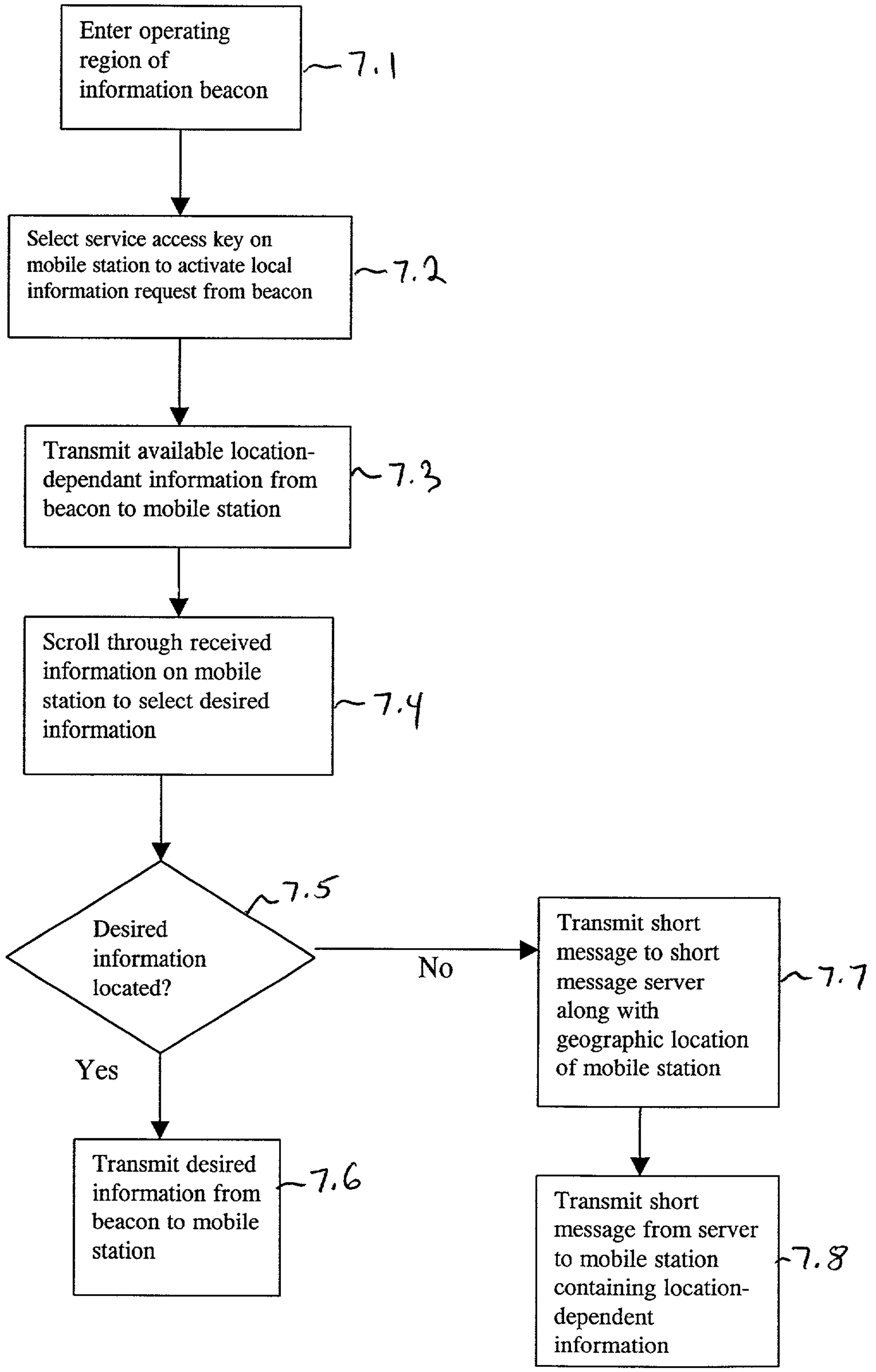
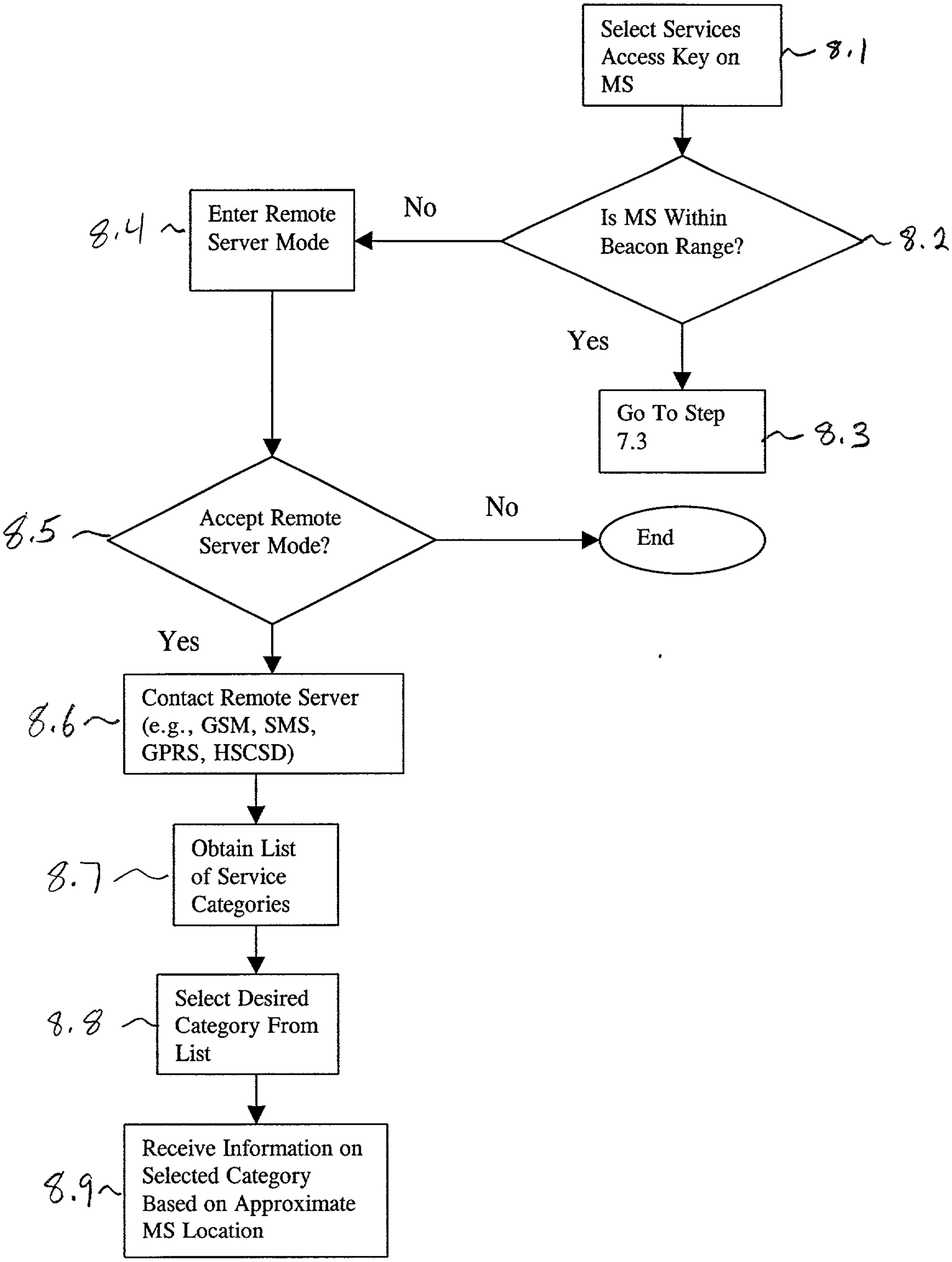

Enter operating region of information beacon
7.1
Select service access key on mobile station to activate local information request from beacon
7.2
Transmit available location-dependant information from beacon to mobile station
7.3
Scroll through received information on mobile station to select desired information
7.4
Desired information located?
7.5
No
Transmit short message to short message server along with geographic location of mobile station
7.7
Yes
Transmit desired information from beacon to mobile station
7.6
Transmit short message from server to mobile station containing location-dependent information
7.8

FIG. 7



Select Services Access Key on MS
8.1
Is MS Within Beacon Range?
8.2
No
Enter Remote Server Mode
8.4
Yes
Go To Step 7.3
8.3
Accept Remote Server Mode?
8.5
No
End
Yes
Contact Remote Server (e.g., GSM, SMS, GPRS, HSCSD)
8.6
Obtain List of Service Categories
8.7
Select Desired Category From List
8.8
Receive Information on Selected Category Based on Approximate MS Location
8.9

FIG. 8